| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 729  | (250/492.22).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2006/03/30 13:30 |
| L2       | 1    | 1 AND electron adj beam and raster and (simultaneous\$ with write with pixel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/30 13:31 |
| L3       | 1    | 1 AND electron adj beam and raster and (simultaneous\$ with pixel).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/30 13:31 |
| S1       | 50   | ("4977328" "5309241" "5616985" "5751265" "6033721" "4553176" "4788426" "4897731" "4987350" "5181111" "5555193" "5734784" "5898177" "6144148" "6153973" "6194822" "6229556" "4251835" "4267456" "4335380" "4369465" "4370556" "4398223" "4426599" "4482919" "4511930" "4604523" "4620221" "4775797" "4804851" "4828368" "5015818" "5177615" "5307199" "5339010" "5381183" "5384513" "5598053" "5754147" "5798603" "58855637" "5869923" "5880556" "5928399" "5986636" "6064440" "6072270").pn. | USPAT                                       | OR                  | ON      | 2006/03/30 13:29 |
| S14      | 50   | ("4977328" "5309241" "5616985" "5751265" "6033721" "4553176" "4788426" "4897731" "4987350" "5181111" "5555193" "5734784" "5898177" "6144148" "6153973" "6194822" "6229556" "4251835" "4267456" "4335380" "4369465" "4370556" "4398223" "4426599" "4482919" "4511930" "4604523" "4620221" "4775797" "4804851" "4828368" "5015818" "5177615" "5307199" "5339010" "5381183" "5384513" "5598053" "5754147" "5798603" "5855637" "5869923" "5880556" "5928399" "5986636" "6064440" "6072270").pn.  | USPAT                                       | OR                  | ON      | 2006/01/31 16:54 |
| S15      | 49   | S14 and electron adj beam  | USPAT                                       | OR                  | ON      | 2006/01/31 16:53 |

| S16 | 12   | S15 and substrate   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON   | 2006/01/31 16:54 |
|-----|------|---|---|-----|------|------------------|
| S17 | 50   | S14 and frame   | USPAT                                       | OR  | ON   | 2006/03/29 12:38 |
| S18 | 23   | S17 and pixel   | USPAT                                       | OR  | ON   | 2006/02/02 09:51 |
| S19 | 607  | matrix near frame   | USPAT                                       | OR  | ON   | 2006/02/02 13:16 |
| S20 | 607  | matrix near frame   | USPAT                                       | OR  | ON   | 2006/02/02 13:16 |
| S21 | 195  | S20 and pixel   | USPAT                                       | ·OR | ON   | 2006/02/02 13:16 |
| S22 | 7    | S21 and electron adj beam   | USPAT                                       | OR  | ON   | 2006/02/02 13:17 |
| S24 | 706  | (250/492.22).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | OFF  | 2006/02/06 10:43 |
| S25 | 2653 | (250/492.3).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | OFF  | 2006/02/06 10:43 |
| S26 | 2139 | (430/296).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | OFF  | 2006/02/06 10:43 |
| S27 | 5232 | S24 or S25 or S26   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON · | 2006/02/06 10:43 |
| S28 | 3399 | S27 and electron adj beam   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | OŃ   | 2006/02/06 10:43 |
| S29 | 205  | S28 and pixel   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON   | 2006/02/06 10:43 |
| S30 | 39   | S29 and frame   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON   | 2006/02/06 12:05 |
| S31 | 48   | ("2038853" "20020024714" "2002<br>0038823" "20030122091" "00334<br>49" "4419182" "5635976" "56915<br>41" "5757010" "5969365" "60142<br>00" "6262429" "6285488" "63121<br>34" "6333138" "6376847" "63992<br>61" "6424879" "6429443" "64333<br>47" "6448999" "6493867").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON   | 2006/02/06 12:06 |

| S35 | 2     | "6841787".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 11:43 |
|-----|-------|---|---|----|------|------------------|
| S37 | 46961 | semiconductor and electron adj<br>beam  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 15:57 |
| S38 | 5740  | S37 and pixel   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 15:28 |
| S39 | 905   | S38 and raster\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON . | 2006/02/07 15:30 |
| S40 | 853   | S39 and scan\$4 *   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 15:30 |
| S41 | 62    | S40 and SLM   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 15:30 |
| S42 | 384   | semiconductor and electron adj<br>beam and spatial adj light adj<br>modulator   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 15:58 |
| S43 | 281   | S42 and pixel   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 15:58 |
| S44 | 92    | S43 and raster\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/02/07 15:58 |
| S45 | 18    | ("20002038853"  20020024714"  20020038823"  20030122091"  0 033449"  4419182"  5635976"  5691541"  5757010"  5969365"  6014200"  6262429"  6285488"  6312134"  6333138"  6376847"  6399261"  6424879"  6429443"  6433347"  6448999"  6493867"). | USPAT                                       | OR | ON   | 2006/03/23 16:50 |

| S46 | 43 | ("20002038853" "20020024714" " 20020038823" "20030122091" "0 033449" "4419182" "5635976" "5 691541" "5757010" "5969365" "6 014200" "6262429" "6285488" "6 312134" "6333138" "6376847" "6 399261" "6424879" "6429443" "6 433347" "6448999" "6493867"). PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/28 09:16 |
|-----|----|---|---|----|----|------------------|
| S47 | 2  | "6841787".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/23 16:51 |

| C49 | 91       | ("20020054284"   "20030042434"                                   | US-PGPUB; | OR  | ON       | 2006/03/23 17:03 |
|-----|----------|--|-----------|-----|----------|------------------|
| S48 | 31       |  |           | O.K |          | 2000/03/23 27:03 |
|     |          | "3617125"   "3861804"  | USPAT;    |     |          |                  |
|     |          | "3877801"   "3894332"  | USOCR     |     |          |                  |
|     |          | "3963354"   "3973953"  |           |     |          |                  |
|     |          | "3973954"   "4272186"  |           |     |          |                  |
|     |          | "4353628"   "4377753"  |           |     |          | ·                |
|     |          | "4455485"   "4460831"  |           |     |          |                  |
|     |          | "4464030"   "4465934"  |           |     |          |                  |
|     |          | "4498742"   "4500202"  |           |     |          |                  |
| ĺ   |          | . "4619508"   "4668080"  |           |     |          |                  |
|     |          | "4680855"   "4727381"  | ·         | Ì   |          |                  |
|     |          | "4950862"   "5027132"  |           |     |          |                  |
| .   |          | "5085977"   "5090803"  |           |     |          |                  |
| 1   |          | "5121160"   "5148322"  |           |     |          |                  |
|     |          | "5166508"   "5196900"  |           |     |          |                  |
|     |          | "5200766" j "5239178" j  |           |     |          |                  |
|     |          | "5242803"   "5248876"  |           |     |          |                  |
|     |          | "5282088"   "5327223"  |           |     |          |                  |
|     |          | "5345336"   "5386266"  |           |     |          |                  |
|     |          | "5387961"   "5412200"  |           |     |          |                  |
| }   |          | "5436114"   "5436725"  |           |     |          |                  |
|     | ,        | "5452054"   "5463200"  |           |     | İ        |                  |
|     |          | "5486851"   "5495279"  |           |     |          |                  |
|     |          | "5495280"   "5517279"  |           |     |          |                  |
|     |          | "5539568"   "5543919"  |           |     |          |                  |
|     |          | "5552820"   "5595857"  |           |     |          |                  |
|     |          | "5631721"   "5635976"  |           |     |          |                  |
|     |          | "5659420"   "5659429"  |           |     |          |                  |
|     | •        | 3039420   3039429  <br>  "5669800"   "5691541"                   |           |     |          |                  |
|     |          | "5700627"   "5737084"  |           |     | •        |                  |
|     |          | "5777342"   "5783833"  |           |     |          |                  |
|     |          |  |           |     |          |                  |
|     |          | "5889593"   "5900637"  |           |     |          |                  |
|     | •        | "5932966"   "5936713"  |           |     |          |                  |
|     |          | "5982552"   "6040909"  |           |     |          |                  |
|     |          | "6043932"   "6060224"  <br>  "6061105"   1"6108000"              |           |     |          |                  |
|     |          | "6061185"   "6108090"  |           |     |          |                  |
|     |          | "6130428"   "6133986"  |           |     |          |                  |
|     |          | "6177980"   "6188519"  |           |     |          |                  |
|     |          | "6208411"   "6208413"  |           |     |          |                  |
|     |          | "6248988"   "6259550"  |           |     |          |                  |
|     |          | "6285488"   "6301000"  |           |     |          |                  |
|     |          | "6333508"   "6335783"  |           |     |          |                  |
|     |          | "6373619"   "6392752"  |           |     |          |                  |
|     |          | "6399261"   "6424404"  |           |     |          | ]                |
|     |          | "6476401"   "RE34634").PN. OR                                    | . ·       | 1   |          |                  |
|     |          | ("6841787").URPN.  |           |     |          |                  |
| S49 | 11       | ("3963354" "4460831" "4500202"                                   | US-PGPUB; | OR  | ON       | 2006/03/23 17:03 |
| בדנ | 11       |  | USPAT;    |     | J        | = 200,00,00      |
|     |          | 5090803   5190900   5259176                                      | USOCR     |     |          |                  |
|     |          | 3783833   3900837   6108090<br>      6208411     6476401   ).PN. | 05001     |     |          |                  |
|     | <u> </u> | 0200711   07/0701 /.FN.  |           | L   | <u> </u> |                  |

|     |      |                                    |   |      | <del></del> | ·                |
|-----|------|------------------------------------|---|------|-------------|------------------|
| S50 | 726  | (250/492.22).CCLS.                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF         | 2006/03/27 16:03 |
| S51 | 2671 | (250/492.3).CCLS.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF         | 2006/03/27 16:03 |
| S52 | 2151 | (430/296).CCLS.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF         | 2006/03/27 16:03 |
| S53 | 5274 | S50 or S51 or S52                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON          | 2006/03/27 16:03 |
| S54 | 5274 | S53                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR - | ON          | 2006/03/27 16:04 |
| S55 | 1090 | S54 and simultaneous\$3            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON          | 2006/03/27 16:04 |
| S56 | 34   | S54 and simultaneous\$3 same pixel | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON          | 2006/03/27 16:04 |
| S57 | 817  | S55 and electron adj beam          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON          | 2006/03/27 16:04 |
| S58 | 25   | S57 and simultaneous\$3 same pixel | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON          | 2006/03/27 16:16 |
| S59 | 4    | S57 and simultaneous\$3 near pixel | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON          | 2006/03/27 16:05 |
| S60 | .18  | S58 and raster                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON          | 2006/03/27 16:16 |

|              | •    |   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,     | ,    |      |                  |
|--------------|------|---|---|------|------|------------------|
| S61          | 43   | ("20002038853" "20020024714" " 20020038823" "20030122091" "0 033449" "4419182" "5635976" "5 691541" "5757010" "5969365" "6 014200" "6262429" "6285488" "6 312134" "6333138" "6376847" "6 399261" "6424879" "6429443" "6 433347" "6448999" "6493867"). PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2006/03/28 09:16 |
| S62          | 12   | S61 and simultaneous\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR . | ON   | 2006/03/28 09:16 |
| S63          | 108  | electron adj beam and raster and (simultaneous\$ same write same pixel)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2006/03/28 12:44 |
| S64          | 0    | electron adj beam and raster and (simultaneous\$ near write near pixel)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2006/03/28 12:45 |
| S65          | 11   | electron adj beam and raster and (simultaneous\$ with write with pixel)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON . | 2006/03/30 13:30 |
| S66          | 2    | "6841787".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2006/03/28 13:06 |
| S67          | 2    | "6433347".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2006/03/28 13:42 |
| S68          | 340  | muraki.in.  | ÚSPAT                                       | OR   | ON   | 2006/03/29 12:38 |
| S69          | 61   | S68 and electron adj beam   | USPAT                                       | OR   | ON   | 2006/03/29 13:03 |
| S70          | . 4  | S69 and pixel   | USPAT                                       | OR · | ON   | 2006/03/29 12:39 |
| S71          | 17   | S68 and simultaneous\$3 same (write or expose)  | USPAT                                       | OR   | ON   | 2006/03/29 13:04 |
| S72          | 3619 | applied adj materials.as.   | USPAT                                       | OR   | ON   | 2006/03/30 09:53 |
| <u>\$</u> 73 | 13   | S72 and electron adj beam and frame and pixel   | USPAT                                       | OR   | ON   | 2006/03/30 09:51 |
| S74          | 22   | S72 and writ\$4 with pixel  | USPAT                                       | OR.  | ON   | 2006/03/30 09:51 |
| S75          | 13   | S74 and simultaneous\$3   | USPAT                                       | OR   | ON   | 2006/03/30 09:51 |
| S76          | 17   | applied adj materials adj israel.as.  | USPAT                                       | OR   | ON   | 2006/03/30 10:02 |
| S77          | 1    | "5973332".pn.   | USPAT                                       | OR   | ON   | 2006/03/30 10:16 |
| S78          | 81   | write near pixel adj value  | USPAT                                       | OR   | ON   | 2006/03/30 10:16 |

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| S79 | 7 | S78 and electron adj beam | USPAT                                       | OR | ON | 2006/03/30 10:16 |
|-----|---|---------------------------|---|----|----|------------------|
| S80 | 7 | S78 and electron adj beam | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 10:17 |